



Form PTO-1449

Attorney Docket: ST8012US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**INFORMATION DISCLOSURE CITATION**

In re application of: Michael A. Centanni et al.

Serial No: 10/663,593

Group No.: 1744

Filed: September 16, 2003

Examiner: L. McKane

For: SENSOR FOR DETERMINING CONCENTRATION OF FLUID STERILANT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**U.S. Patent Documents**

Examiner Initials	Document Number	Date	Name	Class

**Other Prior Art (Inc. Author, Title, Date, Pertinent Pages, Etc.)**

Examiner Initials	Document
LM	Steven J. Lasky, Howard R. Meyer & Daniel A. Buttry, Department of Chemistry, "Quartz Microbalance Studies of Solvent and Ion Transport in Thin Polymer Films in Sensor Applications of the QCH," <i>Technical Digest</i> 1990, pages 1-4.
LM	Sylvain Lazare and Vincent Granier, "Excimer Laser Light Induced Ablation and Reactions at Polymer Surfaces as Measured with a Quartz-Crystal Microbalance," November 16, 1987, <i>J. Appl. Phys</i> 63 (6), 15 March 1988, 1988 <i>American Institute of Physics</i> , pages 2110-2115.
LM	Stanley Bruckenstein, C. Paul Wilde, Michael Shay and A. Robert Hillman, "Experimental Observations on Transport Phenomena Accompanying Redox Switching in Polythionine Films Immersed in Strong Acid Solutions," 1990 <i>American Chemical Society</i> , pages 787-793.
LM	Robert R. McCaffrey, Stanley Bruckenstein and Paras N. Prasad, "Novel Application of the Quartz Crystal Microbalance to Study Langmuir-Blodgett Films," 1986 <i>American Chemical Society</i> , pages 228-229.

Leigh McKane 19 January 2005

**Other Prior Art (Inc. Author, Title, Date, Pertinent Pages, Etc.)-continued**

**Examiner**

**Initials**

**Document**

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J.A. Moore and Sang Youl Kim, "Diffusion of Small Molecules in Radiation Damaged PMMA Thin Films," 2002 Engineering Info. Inc., pages 383-386.

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Rade Ognjanovic, C.-Y. Hui, E.J. Kramer, "The Study of Polystyrene Surface Swelling by Quartz Crystal Microbalance and Rutherford Backscattering Techniques," *Journal of Materials Science* 25 (1990), 1990 Chapman and Hall Ltd., pages 514-518.

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H.G. Tompkins, "Use of Surface and Thin Film Analysis Techniques to Study Metal-Organic and Metal-Polymer Interaction: A Review," *Thin Solid Films*, 119 (1984), pages 337-348.

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Sylvain Lazare, Jean Claude Soullignac and Pascal Fragnaud, "Direct and Accurate Measurement of Etch Rate of Polymer Films under Far-UV Irradiation," *Appl. Phys. Lett.* 50 (10), 9 March 1987, 1987 American Institute of Physics, pages 624-625.

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Aljosa Vrhunec, Andreja Kolenc, Dusan Teslic, Iztok Livk and Ciril Pohar, "Crystal Size Distribution in Batch Sodium Perborate Precipitation," *Acta Chim. Slov.* 1999, 46(4), pages 543-554.

**Examiner:**

**Date Considered:**

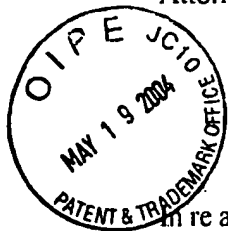
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**\*\*Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Mail Stop Amendment  
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U.S. Patent Documents

Examiner Initials	Document Number	Date	Name	Class
LM	3,164,004	01/05/1965	King, Jr.	73/24.06
	3,327,519	06/27/1967	Crawford	73/24.06
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<u>LM</u>	6,630,560	10/07/2003	McGill et al.	528/25

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